

### Abstract

The invention concerns a surgical probe having electrodes for use in tissue ablation or coagulation. The probe hollow spaces therein for delivering a cooling fluid to the probe, comprising a handle and a shaft which is connected 5 to the handle and has two axially mutually spaced electrodes, of which an electrode nearer the handle forms a proximal electrode and the other electrode which is far from the handle forms a distal electrode, wherein the electrodes respectively form an outside surface of the shaft and are separated from each other by an insulator, wherein the outside diameter of the two 10 electrodes and the outside diameter of the insulator are approximately equal and wherein the shaft has a fluid passage for a cooling fluid, which extends in the interior of the shaft from the handle into the distal electrode. It is characterised in that the shaft has an integral hollow body which is connected to the handle and forms the distal electrode, carries the insulator as well as 15 the proximal electrode and an insulating layer which is arranged in the radial direction between the hollow body and the proximal electrode.

~~Translation of German words appearing in the drawing:~~

~~In Figure 3:~~

~~Spitzenelektrode~~ means tip electrode

5

~~In Figure 5:~~

~~Kontakt~~ means contact